

Name: _____

Date: _____

Learning Goal 2.1

Discrete data analysis.

More Questions

1. Here are the scores of all 25 students in Ms. Fulop's statistics class on their first test:

79	81	80	77	73	83	74	93	78	80	75	67	73
77	83	86	90	79	85	83	89	84	82	77	72	

Use the scores to find the percentiles for the following students:

- Norman, who scored 72.
 - Katie, who scored 93.
 - The two students who scored 80.
2. Use the information to find the standardized scores (z – scores) for each of the following students in Ms. Fulop's class. Interpret each value in context.
- Katie scored 93.
 - Norman scored 72
3. The day after receiving Jenny's statistics test result of 86, Jenny earned an 82 on Ms. Spence's chemistry test. At first, she was disappointed. Then Ms. Spence told the class that the distribution of scores was fairly symmetric with a mean of 76 and standard deviation of 4. On which test did Jenny perform better relative to the class?